

2004 ANNUAL STORMWATER REPORT

TOWN OF MIDDLEBURY

CONNECTICUT



Submitted by: **Kenneth Long**
Town of Middlebury

The Town of Middlebury submits the following report concerning the town’s status and compliance with the towns Stormwater Management Plan (MS4). This Report is required to meet the State of Connecticut Department of Environmental Protection requirements as outlined in the General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems, section *(i) Reporting & Record Keeping Requirements*.

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History:

The town of Middlebury began to write a stormwater plan during the winter of 2002/2003 to meet a projected implementation date of April 2003. The town finished writing the plan after receiving a final copy of the requirements after January 9,2004. The State of Connecticut’s Department of Transportation plan was used as an outline for the town plan. The town plan was written in a draft format and then given to the following personal for review; Edward St. John, First Selectmen and Director of Public Works; Thomas Gormley, Chairman Conservation Commission; Deborah Seavey, Wetlands Enforcement Officer; Danial Norton, Forman Department of Public Works; Michael Angieri, Consulting Engineer; Thomas O’loskey, Building Inspector; John Calabrese, Consulting Engineer; and Jean Donagan, Zoning Officer.

During this first year the above town personal have spent many hours writing and reviewing the towns MS4 plan. In addition meetings were attended at the Naugatuck valley council of governments.

A legal notice was posted in the Waterbury Republican American on Thursday June 10, 2004 to inform the public that copies of the Stormwater Management plan were available for comment. Copies of the MS4 plan were made available at the town hall and library. The town did not receive any public comment.

The town chose to work with the Naugatuck Valley Council of Governments to find a firm to perform the annual monitoring portion of the plan. The Council recommended two firms. The town is working with the firm of Nafis & Young to perform the annual monitoring.

At this time the town is waiting to receive any comments back from the DEP concerning the towns Draft Stormwater Plan. This report is based on the draft plan submitted to the State for review. In the event the state requests a change to the town's MS4 plan future reports will reflect those changes.

Compliance:

During the first year of the permit the town chose simple goals. Much of the summer was taken up with writing the plan along with our already busy schedule, which would not leave sufficient time to undertake any large projects. Compliance will be addressed in order section 1 through 6.

Section 1: Public Education and Outreach

1.1 Brochures

Goal: Attain Brochures and make available at public meetings.

At this time the town is reviewing brochures and will make them available at public meetings before the end of the year.

1.2 Alternative information

Goal: Post information about the stormwater plan on the town's web site.

The town is waiting for comments back from the DEP about the plan. The Plan once accepted by the DEP and approved by the board of selectman will be posted on the town's web site.

1.3 Tributary Signage

Goal: Evaluate possible locations for tributary signage

This goal will be addressed during November and December of 2004.

1.4 Storm Drain Marking

Goal: Evaluate possible locations for Plaque locations

This goal will be addressed during November and December of 2004.

1.5 School System Involvement

Goal: Contact the school system and plan a course of action

The school system was contacted in May of 2003 about participating in the stormwater plan. At the time the school system was updating the science curriculum, but would consider involvement when the new curriculum was active. That new curriculum has now been implemented in the schools. The curriculum director will be contacted during the month of December 2004.

Section 2: Public Participation / Involvement

2.2.1 Public review and input

The plan was made available for public review on June tenth. No comments were received.

2.2.2 and 2.2.3 take effect during year three of the plan.

Section 3: Illicit Discharge Detection and Elimination

3.2.1 Town Policy regarding non-stormwater discharge.

Goal: Check present policy for compliance with the towns stormwater plan

Presently the town has regulations in place to prevent stormwater pollution. The boards and commissions hope to be able to review the present policies with the new phase two-stormwater policy over the 04/05 winter. At this time their workload may prevent that from happening. If this is the case than the boards will review the policies as soon as time permits.

3.2.2 Storm sewer map

Goal: Pursue that which is the best method to collect the required information.

The town of Middlebury has chosen to purchase a GPS asset collection device, which will give the town sub-meter accuracy there-by exceeding DEP requirements. In addition the town will be participating in a DEP grant being administered by the Central

Naugatuck Valley Council of Governments for the production of our stormwater maps. All aspects of our stormwater mapping will be in coordination with the council of governments to ensure compliance with the DEP grant requirements.

3.2.3 Illicit Discharge Detection and Elimination

The town has performed the six required grab samples required by the stormwater plan. The additional testing of brooks at their entry and exit points from town as called for in the plan did not take place this first year of the plan. The sampling of the brooks will take place in future testing. Sampling of the brooks did not take place because by the time the plan was written the town had already adopted a budget. It is still the intent of the town to test the brooks in upcoming years. The purpose of testing brooks as they enter and exit the town is to determine if the town is adding significantly to any pollution.

Section 4: Construction Site Stormwater Runoff Control

4.1 Requirements and guidelines for erosion and sediment controls

Goal: Review all town regulations to ensure they meet the one-acre requirement.

Due to an exceptionally heavy work load the review process has not begun. It is hoped that a review of the regulations will begin over the 2004-2005 winter months.

4.2 – 4.6 continue present policy.

Section 5: Post Construction Site

5.1 Requirements for structural and non-structural BMP's

Review of existing regulations for this portion of the plan begins this winter.

5.2 Procedures for addressing post construction BMP's

Review of existing regulations for this portion of the plan begins this winter.

5.3 Ensuring long-term operation and maintenance of BMP's

Long term operation and maintenance of best management practices shall be in accordance with section 6 good housekeeping / pollution prevention of this plan.

Section 6: Pollution Prevention / Good Housekeeping

6.1 Operation and Maintenance BMP's

A review of operation and maintenance BMP's will be done during the 04-05 winter for implementation over the life of the plan.

6.2 Employee Training Program

Develop an employee-training program during the 04-05 winter for implementation over the life of the plan.

6.3 Street Sweeping Program

Continue the present street sweeping program.

6.4 Catch Basin Maintenance Program

The town will continue the policy of cleaning catch basins, and implement the new requirements of the MS4 plan.

6.5 Preventative Maintenance Program

Develop a program during the 04-05 winter for implementation over the life of the plan. The preventative maintenance program will tie together the entire Pollution and good housekeeping section of the stated plan.

Monitoring Data:

Monitoring data for the past year is attached to the end of this report under appendix “A”.

Summary of planned stormwater activities during the next reporting cycle

During the next reporting cycle the Town of Middlebury will be replacing approximately one mile of storm drainage in the North East section of town and the center of town. The first project is being done in conjunction with water line installation. The goal of doing the storm and waterlines simultaneously is to prevent as much contamination to stormwater as possible. The second project will replace 2700 feet of storm drainage that is about 40 years old, and add 1300 feet of drainage to a section of roadway that washes out during rain events. The goal of this project is to prevent roadside material from washing into the adjacent wetlands. The outfalls of the new systems will be upgraded with energy dissipation pads to prevent gouging, which is taking place at this time. In addition to the above planned replacement the Town will also repair any stormwater pipes or inlets that are in need of repair discovered during maintenance operations.

Changes in any identified measurable goals or implementation dates that apply to the program elements.

At this time the heavy workload the town boards are experiencing may prevent them from doing a review of present policies within the time frame spelled out in the plan. This will hopefully only cause a delay in review of six to twelve months. Unfortunately neither the boards nor this department have control over their workloads. As a possible way to keep the process moving forward I will be meeting with the wetlands enforcement officer and wetlands reviewing engineer to perform a review of the regulations that will then be presented to the conservation commission for informational purposes. If any regulation changes are required the commission can then act on the changes.

It is anticipated that only small delays if any will affect the implementation of other parts of the plan during the second year of the town’s plan. The town will make every effort to meet the stated goals outlined in its stormwater management plan.

Written By:
Kenneth Long, Crew Leader

Date: _____

Reviewed By:
Michael Angieri P.E.

Date: _____

Reviewed By:
Edward B. St. John, First Selectman

Date: _____

Appendix “A”

Monitoring Data

Appendix “B”

Public Notice